

NATURALOPY

PRECEPT 2

KARMA





NATURALOPY

CELEBRATING HUMANITY

Since time immemorial, our ancestors have gone to great lengths to fabricate myths and fables to answer the six primary existential questions of life:

- Where did we come from?
- What is our purpose in life?
- Why do bad things happen to us?
- Is there a god?
- Are we alone in the Universe?
- What happens to us after we die?

For thousands of years, the East Indians, Sumerians, Babylonians, Persians, Greeks, Egyptians, Romans, Mayans, and other great civilizations of the past have conjured fairy tales of a god or group of gods to justify their existence. We now look at their abandoned gods and think how naive and backward our ancestors must have been.

Today, the Christians, Jews, and Muslims hold steadfast to the idea that an omnipotent figure created the Universe and Earth 6,000 - 10,000 years ago. And that all humans were seeded by Adam and Eve in the Garden of Eden somewhere in modern day Iran or Iraq. These beliefs persist despite the fact that science has refuted and disclaimed those assertions with empirical evidence—evidence that can be verified by anyone willing to do the research. Most don't, thus the perpetual conflict between the Christians, Jews, and Muslims.

The Universe is roughly 13.8 billion years old; the Earth 4.6 billion years old; Humans are the product of evolution, 4.3 billion years in the making.

There is no need to attribute to the gods what Humanity has achieved.

Naturalopy (naCHərə lō pē)

noun

1. The philosophy of adopting universal knowledge and collective wisdom from historical and contemporary sources to form a belief system.
2. The Naturalopist belief system, founded on the shared knowledge and experiences of Humanity; modern philosophy; natural philosophy.

Naturalopist (naCHərə lō pist)

noun

1. One who believes in universal knowledge and collective wisdom as a basis for her or his moral guidelines and belief system; naturalist; spiritualist.
2. One who embraces the 20 Naturalopic Precepts as a guideline for a worldview; acknowledges the law of cause and effect.
3. One who adopts preeminent ideologies and philosophies regardless of their origin; objective mindset.

Naturalopic (naCHərə lō pik)

adjective

Of or relating to the precepts of Naturalopy; collective knowledge, objectivity, cause and effect, empirical evidence, spirituality, transparency, natural philosophy, Nature; equality before the Law, beneficial to Humanity.

The 20 Precepts of Naturalopy

Precept (pre sept)
noun

A rule, directive, or principle that guides one’s actions, particularly as pertains to moral conduct.

Naturalopy is structured into 20 primary precepts, most of them with supporting precepts.

- | | |
|-----------------|-----------------|
| 1. Freewill | 11. Happiness |
| 2. Karma | 12. Love |
| 3. Simplicity | 13. Dreams |
| 4. Health | 14. Wisdom |
| 5. Spirituality | 15. Success |
| 6. Compassion | 16. Suffering |
| 7. Purpose | 17. Forgiveness |
| 8. Virtue | 18. Salvation |
| 9. Attitude | 19. Liberty |
| 10. Character | 20. Time |

When taken as a whole and expanded in detail, the Naturalopic framework of 20 precepts is more comprehensive in scope than any single religion or philosophy because it embraces all available knowledge.

Life can be complex, therefore our moral guidelines and belief system are only complete, accurate, and objective when they’re derived from multiple historical and contemporary sources, regardless of their origin.

Life did not come with a manual. Life is a learning process. We make mistakes; we are not sinners. The better choices we make, the higher our quality of life. But we can only make better choices when we are enlightened...

NATURALOPY

PRECEPT 3

KARMA



PRECEPT 2

KARMA

karma

act, deed, truth, consequence, reckoning, balance

1. A force or law of nature which causes one to reap what one sows.
2. The sum total of a person's actions, which determine whether the person will be rewarded or punished.
3. The cause and effect of a thought or deed.

The Universe is a structure of balance. It is comprised of elaborate systems of equilibrium, from the quantum to the cosmos. There are particles and antiparticles; matter and anti-matter; mass and energy. Since humans are made of molecules, atoms, protons, electrons, neutrons, quarks and gluons, and so forth, we are a part of the Universe's structure of balance. For us, this equilibrium is maintained by Karma—the universal law of cause and effect.

There are many phrases and descriptions for karma:

- Balancing force of the universe
- Cosmic justice
- What goes around comes around
- Blowback
- Universal balancing law
- You get what you earn
- Spiritual debt or spiritual reward
- Day of reckoning
- You reap what you sow
- Chickens coming home to roost
- Universal law of cause and effect

Unskillful karma results in suffering, and skillful karma results in nirvana. Unskillful karma means that we have committed wrongdoing or evil; made the wrong choices, or our that karmic debt was passed down to us from relationship or kin, in which case the chain of cause and effect must be broken by us through continuous good deeds. On the other side of the cosmic scale, skillful karma is the result of right thinking, right seeing, right hearing, right talking, and right doing.

The most apt description of karma is attributed to Helena Blavatsky:



“Karma is the Ultimate Law of the Universe, the source, origin and fount of all other laws which exist throughout Nature. It is the unerring law which adjusts effect to cause on the physical, mental and spiritual planes of being. As no cause remains without its due effect from greatest to least, from a cosmic disturbance down to the movement of your hand, and as like produces like, Karma is that unseen and unknown law which adjusts wisely, intelligently and equitably each effect to its cause, tracing the latter back to its producer.”

Karma delayed is not karma denied, so be patient. With unskillful karma, the returned deed may be multiplied and magnified depending on the severity of the deed and the time it took karma to take effect. With skillful karma, the reward is nirvana: the avoidance of suffering, peace of mind, and freedom from attachment and desire.

As an enlightened person, we create our own karma.



The game of life is the game of boomerangs. Our thoughts, deeds, and words return to us sooner or later, with astounding accuracy.

Florence Scovel Shinn



Like gravity, karma is so basic we often don't even notice it.

Sakyong Mipham

Karma comes after everyone eventually. You can't get away with screwing people over your whole life, I don't care who you are. What goes around comes around. That's how it works. Sooner or later the universe will serve you the revenge that you deserve.



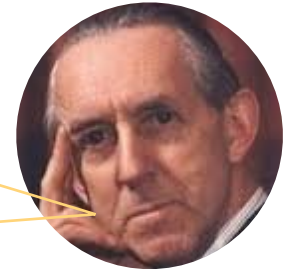
Jessica Brody



There is a destiny that makes us brothers: none goes his way alone, all that we send into the lives of others comes back into our own.

Edwin Markham

For the keynote of the law of Karma is equilibrium, and Nature is always working to restore that equilibrium whenever through man's acts it is disturbed.



Christmas Humphreys

Karma is the record of services. Karma is the term used in Buddhist teaching. Taoists use the term “te.” Christians use the term “deed.” Many other spiritual beings use the term “virtue.” Karma, te, deed, and virtue are the same thing but in different words. To understand karma is to understand all of these words.



Zhi Gang Sha



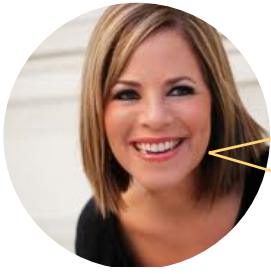
J.P. Vaswani

Debts that must be paid, that sums up the concept of karma. But I would add that karma is not a burden that you have to carry. It is also an opportunity to learn, a chance to practice love and forgiveness, a chance to learn lessons that are valuable to us. Karma offers us the chance to wipe our dirty slate clean, to erase the wrong doings of the past.



Hindu Teacher

Karma is our teacher. It teaches us to refine our behavior—hopefully sooner rather than later. One way to tell a young soul from an old soul is to observe how quickly he learns karma's lessons in life.



Alyson Noel

You can't escape karma. It is what it is. It doesn't judge, it's neither good nor bad like most people think. It's the result of all the actions, positive and negative, a constant balancing act of events, cause and effect, tit for tat, reaping and sowing, what goes around comes around. However you phrase it, it's the same in the end.



Edwin Hubble

Every action of our lives touches on some chord that will vibrate in eternity.



Eric Hoffer

The remarkable thing is that we really love our neighbor as ourselves: we do unto others as we do unto ourselves. We hate others when we hate ourselves. We are tolerant toward others when we tolerate ourselves. We forgive others when we forgive ourselves. We are prone to sacrifice others when we are ready to sacrifice ourselves.

The law of karma is the principle of cosmic justice that holds that all good actions will be rewarded and that all wicked actions will be punished. Sometime. Somehow. Somewhere.



Chanju Mun



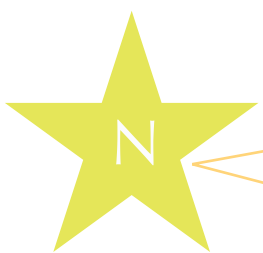
Do unto others what you would have them do unto you.

Confucius

The good among the great understand that every choice we make adds to the strength or weakness of our spirits—ourselves, or to use an old fashioned word for the same idea, our souls. That is every human's life work: to construct an identity bit by bit, to walk a path step by step, to live a life that is worthy of something higher, lighter, more fulfilling, and maybe even everlasting.



Donald Van de Mark



Karma sees everything. People who create their own drama, deserve their own karma. Karma does not forget, forgive, and it has no deadline.

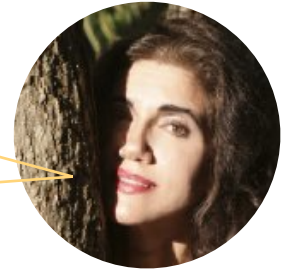
Naturalopist

Rick Riordan

Strange things conspire when one tries to cheat karma.



This is your karma. You do not understand now, but you will understand later. The source of pain is within your own larger expression of being.



H. RavenRose



Naturalopist

What goes around comes around. When you do bad things, bad things happen to you. When you do good things, good things happen to you.

The person whose mind is always free from attachment, who has subdued the mind and senses, and who is free from desires, attains the supreme perfection of freedom from Karma through renunciation.



Bhagavad Gita

Kathleen Brooks

But, mark my words; someday she'll get what's coming to her. Karma's a bigger bitch than she is.



Zig Ziglar



Life is an echo. What you send out comes back.
What you sow, you reap. What you give, you get.
What you see in others exists in you.

We are here to awaken from the illusion
of our separateness.



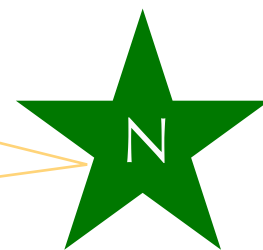
Thich Nhat Hanh

Situations seem to happen to people, but in reality, they unfold from deeper karmic causes. The universe unfolds to itself, bringing to bear any cause that needs to be included. Don't take this process personally. The working out of cause and effect is eternal. You are part of this rising and falling that never ends, and only by riding the wave can you ensure that the waves don't drown you. The ego takes everything personally, leaving no room for higher guidance or purpose. If you can, realize that a cosmic plan is unfolding and appreciate the incredibly woven tapestry for what it is, a design of unparalleled marvel.



Deepak Chopra

Do good. And good will come to you.



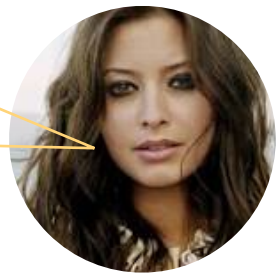
Naturalopist

Karma moves in two directions. If we act virtuously, the seed we plant will result in happiness. If we act non-virtuously, suffering results.



Sakyong Mipham

I never kill insects. If I see ants or spiders in the room, I pick them up and take them outside. Karma is everything.



Holly Valance



Nina Hagen

Karma, ahhh. We sow what we reap. We reap what we sow! We reap what we sow. The law of cause and effect. And we are all under this law. As long as karma exists, the world changes. There will always be karma to be taken care of.

I believe in Karma. If the good is sown, the good is collected. When positive things are made, that returns well.



Yannick Noah

The holistic doctrine of Karma gives us a reason for everything and everything for a reason. Karma, as a philosophy, maintains hope in the midst of hopelessness and provides us with the courage to continue our personal evolution.



Jonn Mumford

Violence does, in truth, recoil upon the violent, and the schemer falls into the pit which he digs for another.



Arthur Conan Doyle



Karma is not fate, for man acts with free will, creating his own destiny. The Vedas tell us, if we sow goodness, we will reap goodness; if we sow evil, we will reap evil. Karma refers to the totality of our actions and their concomitant reactions in this and previous lives, all of which determine our future.

Satguru Sivaya Subramuniyaswami



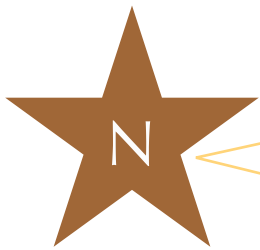
Don't waste your time on revenge. Those who hurt you will eventually face their own karma.

Naturalopist

Karma isn't fate. Nor is it a punishment imposed on us by some external agent. We create our own karma. Karma is the result of the choices that we make every moment of every day.



Tulku Thondup



Naturalopist

Forgive the person and their actions, never give in to hate, let it go, set it free, and karma will take care of what is meant to be.

Once you awaken, you will have no interest in judging those who sleep.

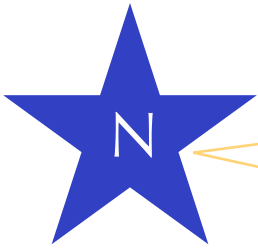


James Blanchard

Karma's a bitch with a broken heart. But she wears a smile on her face because she's the queen of revenge.



Sandra Golden



Naturalopist

No need for revenge. Just sit back and wait. Those who hurt you will eventually screw up themselves, no one escapes karma. If you're lucky, you'll get to watch.

I believe in luck and fate and I believe in karma, that the energy you put out in the world comes back to meet you.



Chris Pine

Such is the moral construction of the world that no national crime passes unpunished in the long run. Were present oppressors to reflect on the same truth, they would spare to their own countries the penalties on their present wrongs which will be inflicted on them in future times. The seeds of hatred and revenge which they sow with a large hand will not fail to produce their fruits in time. Like their brother robbers on the highway, they suppose the escape of the moment a final escape and deem infamy and future risk countervailed by present gain.



Thomas Jefferson



How people treat you is their karma.
How you respond is your karma.



Wayne Dyer



Realize that everything connects to everything else.

Leonardo da Vinci

A person is born alone and dies alone; and
they experience the good and bad consequences
of their karma alone.



Chanakya



Angie Stone

I would never disrespect any man, woman, chick or
child out there. We're all the same. What goes
around comes around, and karma kicks us all in the
butt at the end of the day.

Welcome to the karma cafe. There are no menus.
You will get served what you deserve.



Naturalopist

I'm a true believer in karma. You get what you give, whether it's bad or good.



Sandra Bullock

I'm a great believer in karma, and the vengeance that it serves up to those who are deliberately mean is generally enough for me.



Beth Ditto



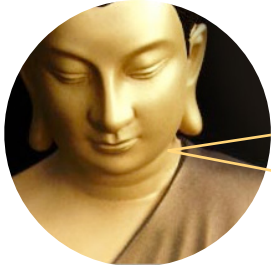
Steve Jobs

You can't connect the dots looking forward; you can only connect them looking backwards. So you have to trust that the dots will somehow connect in your future. You have to trust in something—your gut, destiny, life, karma, whatever. This approach has never let me down, and it has made all the difference in my life.

When someone has a strong intuitive connection, Buddhism suggests that it's because of karma, some past connection.



Richard Gere



Buddha

On life's journey faith is nourishment, virtuous deeds are a shelter, wisdom is the light by day and right mindfulness is the protection by night. If a man lives a pure life, nothing can destroy him.

You don't understand Universal Law, man, what you throw out comes back to you. The stars never underestimate those you scar because karma, karma, karma comes back to you.

Lauryn Hill



Buddhist Scripture

Karma is the law of moral causation in Buddhist philosophy which holds that “for every event that occurs, there will follow another event whose existence was caused by the first, and this second event will be pleasant or unpleasant according as its cause was skillful or unskillful.”

If I am to be true to myself and all my flaws, I have to accept the fact that I may have to repay my Kar-mic debt. I'm not that good of a person, yet.



Naturalopist



Kevin Chappell

Karma is not something you can control, something you can turn on and off. It's not what you do; it's who you are. Karma extends throughout our entire life experience. If you are pleasant and give off positive energy, others will pick on that, and feed off that. If you're a grouch who is always upset, always complaining, always wishing for something to be different, be better, then you will for the rest of your life find yourself in situations that could be different, be better. You will never be satisfied, just frustrated and angry.

The burden of Karma is heavy. All alike have heavy debts to pay. Yet none, so the Wisdom teaches, is ever faced with more than he can bear. Whether or not we can grin, we must bear it, and it is folly to attempt to run away.



Christmas Humphreys

Your believing or not believing in karma has no effect on its existence, nor on its consequences to you. Just as a refusal to believe in the ocean would not prevent you from drowning.



F. Paul Wilson

Zhi Gang Sha



Karma is the root cause of success and failure in every aspect of life.

Alyson Noel



While we may judge things as good or bad, karma doesn't. It's a simple case of like gets like, the ultimate balancing act, nothing more, nothing less. And if you're determined to fix every situation you deem as bad, or difficult, or somehow unsavory, then you rob the person of their own chance to fix it, learn from it, or even grow from it. Some things, no matter how painful, happen for a reason. A reason you or I may not be able to grasp at first sight, not without knowing a person's entire life story—their cumulative past. And to just barge in and interfere, no matter how well-intentioned, would be akin to robbing them of their journey. Something that's better not done.

Karma is not something pessimistic. If you think of karma as something wrong, you are seeing karma only according to what happened in the past. You look at the past and karma becomes a monster. So you should also look at karma in the present and future. Then karma becomes something very wide and really alive. Through karma you can understand what your destiny is. Destiny itself has no solid form; it's something you can create. You can create your life. That is why we study karma.



Dainin Katagiri

Bad karma is the spiritual debt one has accumulated for one's mistakes from all previous lives and this life. It includes killing, harming, taking advantage, cheating, stealing, and more. On Mother Earth, when you buy a house, you take out a mortgage from a bank. This mortgage is your debt to the bank. You pay every month for fifteen, twenty, or thirty years to clear your financial debt. In the spiritual realm, if you have bad karma, you may have to pay for many lifetimes to clear your spiritual debt.



Zhi Gang Sha

Karma is a key that we may use to organize our lives, rather than endlessly agonizing over the seemingly unexplainable and often unexpected events forming the fabric of our lives. Karma is not about fate, fatalism, or destiny; nothing is pre-ordained—rather everything is a sequential happening emerging logically from antecedents. Karma is a way of viewing existence that brings about a harmony of both fatalism and free will, resulting in increased mental health and self-responsibility.



Jonn Mumford



As no cause remains without its due effect from greatest to least, from a cosmic disturbance down to the movement of your hand, and as like produces like, Karma is that unseen and unknown law which adjusts wisely, intelligently, and equitably each effect to its cause, tracing the latter back to its producer.

Helena P. Blavatsky

Karma is one of those topics that many people know a little about, but it is often more complex than most people realize. The second law of thermodynamics is that for every action there is an equal and opposite reaction. On the universal scale, this is the law of karma. The law of karma basically states that every action has a reaction and whatever you do to others will later return to you, either in this life or a future life. Furthermore, ignorance of the law is no excuse. We are still accountable for everything we do, regardless of whether we understand it or not. We cannot escape it, even if we do not believe it. Therefore, the best thing is to learn how it works. If everyone understood the law of karma, we would all be living a happier life in a brighter world.



Stephen Knapp

KARMA IN NATURE

When a bird is alive, it eats ants.
When the bird has died, ants eat it.

One tree can be made into a million matchsticks.
But only one matchstick is needed to burn a million trees.

Circumstances can change at any time.
Don't devalue or hurt anyone in this life.

You may be powerful today but time is more powerful than you!

ORIGIN

evolution

change, growth, development, progression, transformation, natural process

1. The change in the genetic composition of a population over successive generations.

abiogenesis

spontaneous order, spontaneous generation

1. The natural process of life arising from non-living matter such as simple inorganic compounds.

The origin of life debate consists of two camps: Evolutionists versus Creationists. Or science versus religion, abiogenesis versus biogenesis, empirical evidence versus myth, and Darwinism versus Creationism. These theories are incompatible with each other. In many cases, they contradict each other. However, there is only one truth.

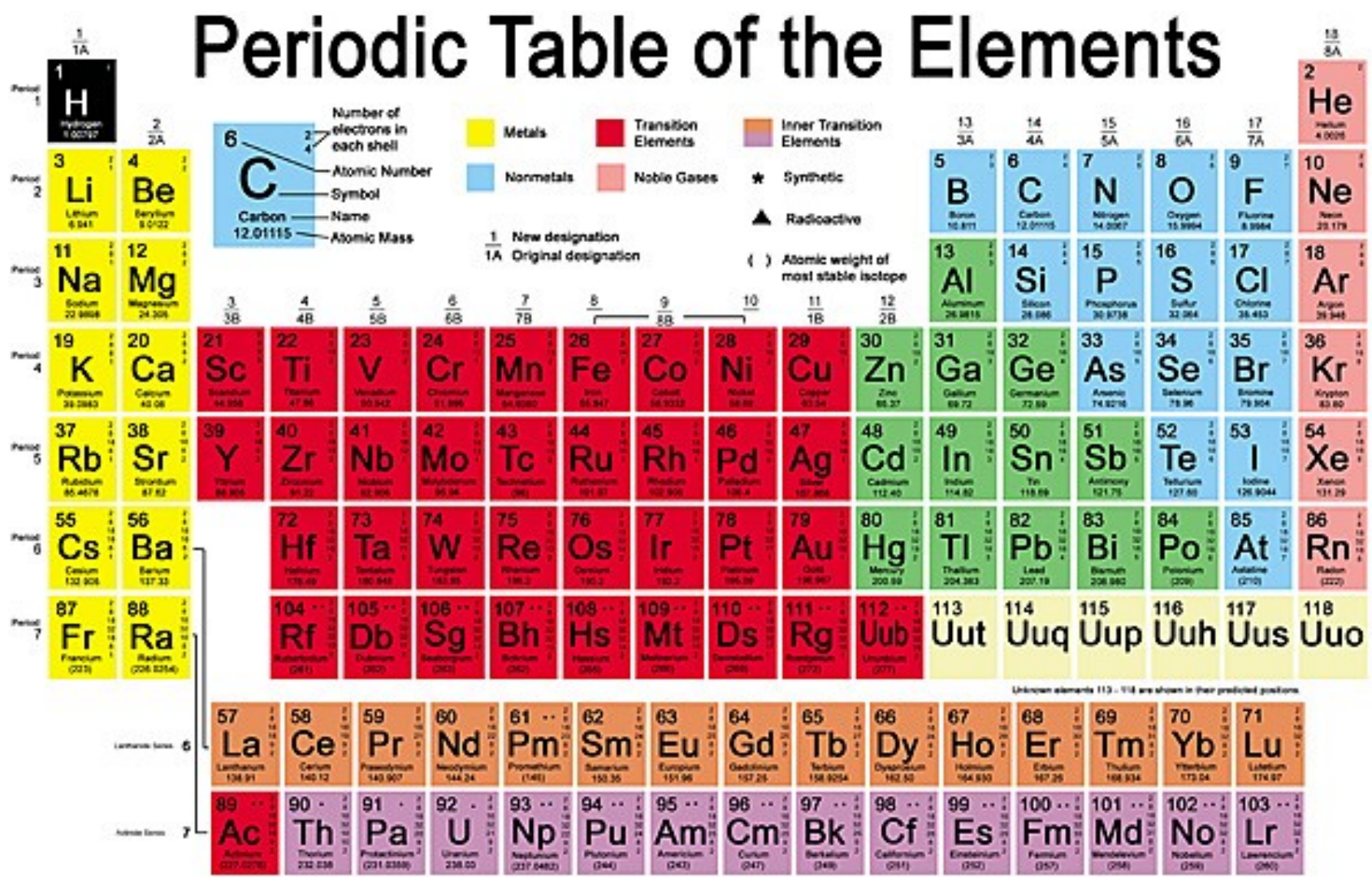
Creationists believe that roughly 6,000 - 10, 000 years ago, god created the Universe and Earth in 6 days and rested on the 7th day, thus Sunday. Creationists also believe in biogenesis—that only living organisms can create other living organisms. Creationists point to the Periodic Table of the Elements, in which all the elements that make up the Universe are inorganic (not living matter, not biological). Therefore, if everything in the Universe is made of inorganic elements, how did organic (biological) life originate from lifeless matter? Creationists also point to the astounding large odds to dismiss the theory of entropy (randomness). Creationists also point to the “missing link” in the theory of evolution—if humans evolved from apes, then why are apes still around?

entropy

decay, breakup, randomness, degeneration, disorder

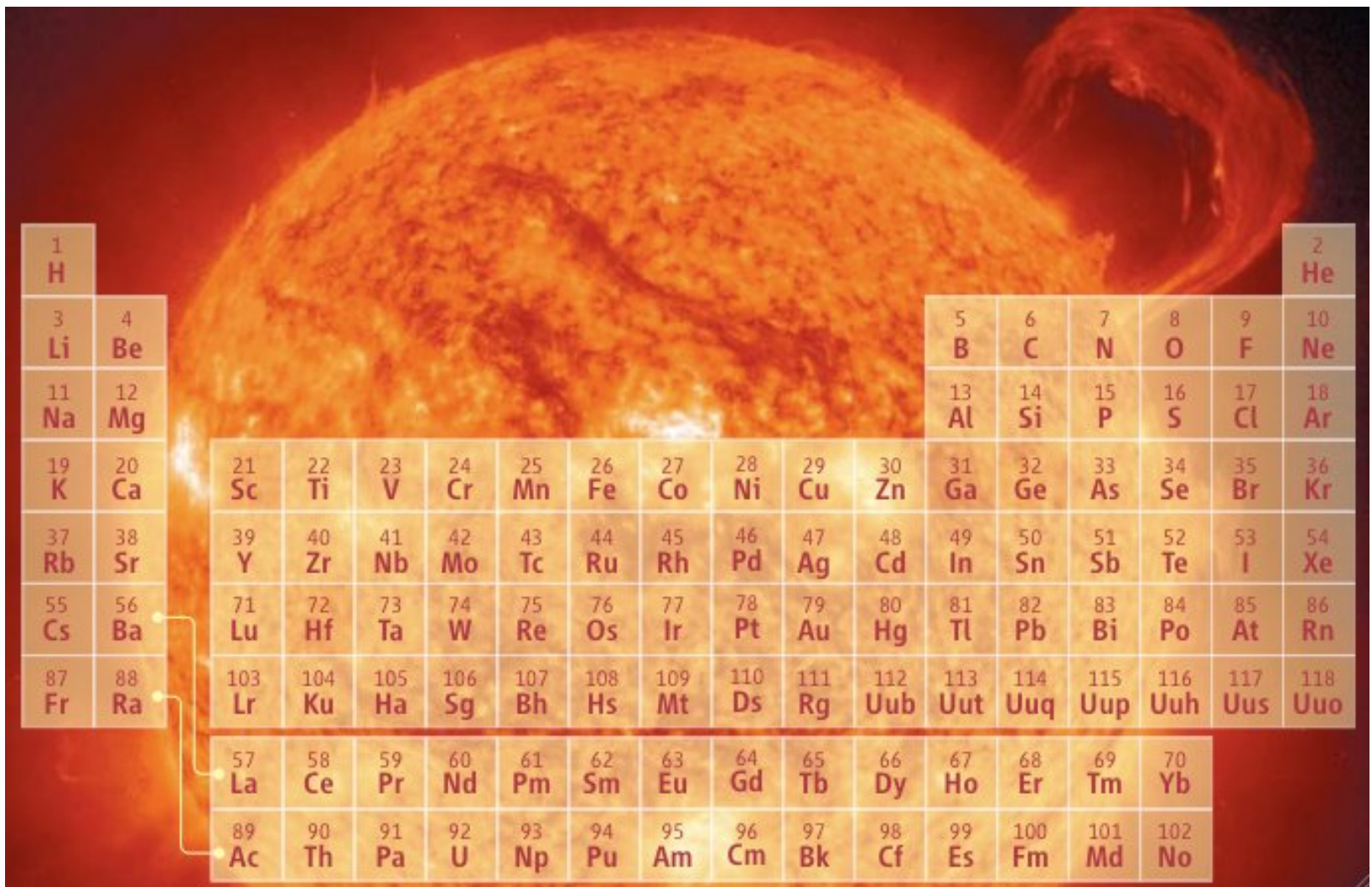
- 1. In thermodynamics, entropy (usual symbol S) is a measure of the number of specific ways in which a thermodynamic system may be arranged, commonly understood as a measure of disorder.
- 2. The tendency of a system that is left to itself to descend into chaos; uncountable.

Note the Periodic Table of the Elements below. It is believed that everything in the cosmos, including humans, is made of the elements listed below. Elements, such as hydrogen and oxygen, are made of atoms; which in turn are made of electrons, protons, and neutrons; which in turn are made of quarks; which in turn are made of the Higgs Boson elemental particle, or particles. For example, the content of the Sun is 71% hydrogen (H) and 27.1% helium (He). In the fantastically hot furnace of the Sun’ core, hy-



drogen and helium (both elements) are fused into heavier elements, such as oxygen(O), carbon(C), nitrogen(N), silicon(Si), magnesium(Mg), neon(Ne), sulfur(S), and iron(Fe). This is an example of how small things become big things in an entropic system, and how simple things become complex things.

When a star, such as our Sun, explodes (supervnova, dies), it gets unimaginably hot and in the process, heavier elements are created, giving birth to asteroids, moons, plan-

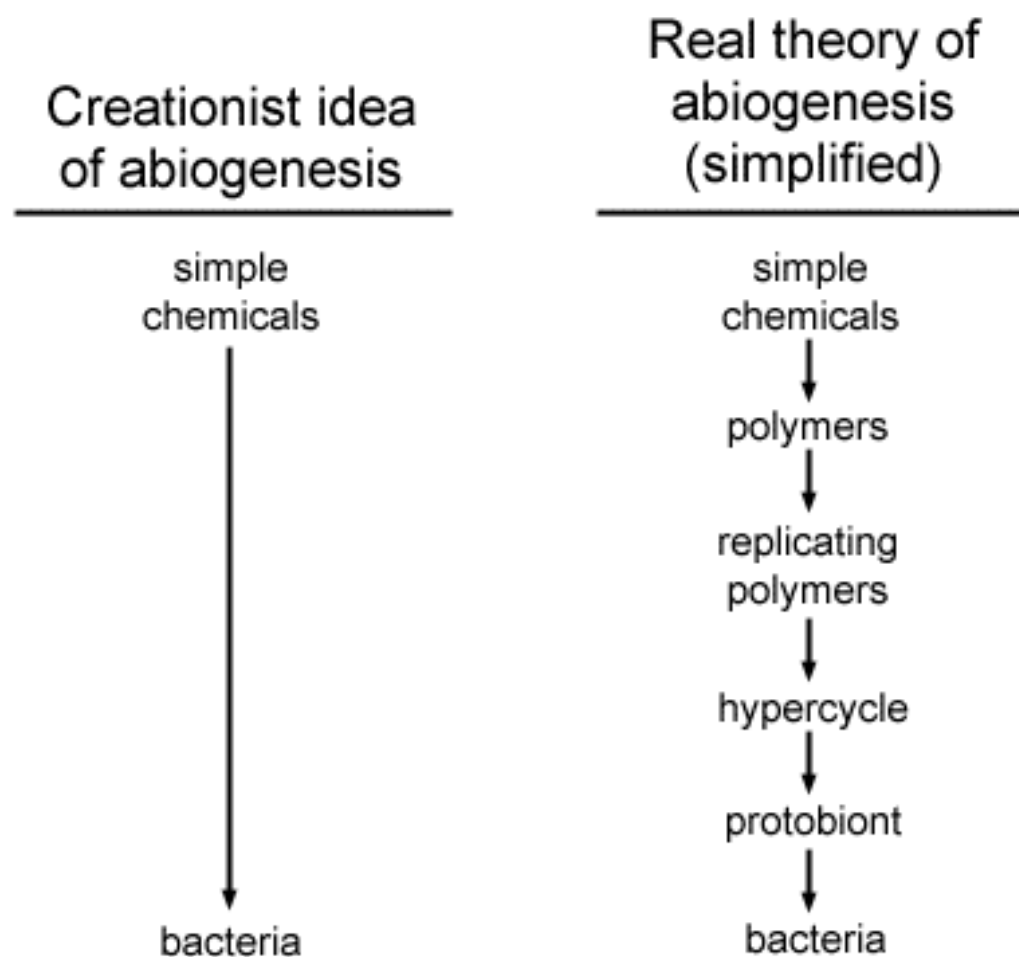


ets, and sometimes new stars. From the inner workings of the Sun, we see a common pattern: given enough time and with the right energy and condition, smaller things become bigger things and simple things become complex things.

However, if everything in the cosmos is made of inorganic elements, how is it possible that biological lifeforms such as plants and humans originated from those lifeless matter? This is the abiogenesis versus biogenesis debate. Creationists believe in biogenesis—that only organic organisms can give life to other organic organisms.

Again, when small things are left alone, with enough time, energy, and entropy working for them, small things become bigger, complex things. Small things amalgamate,

fuse, rearrange, synthesize, and even reproduce. For example, a common compound is water (H₂O), which is made of two elements: hydrogen (H) and oxygen (O).



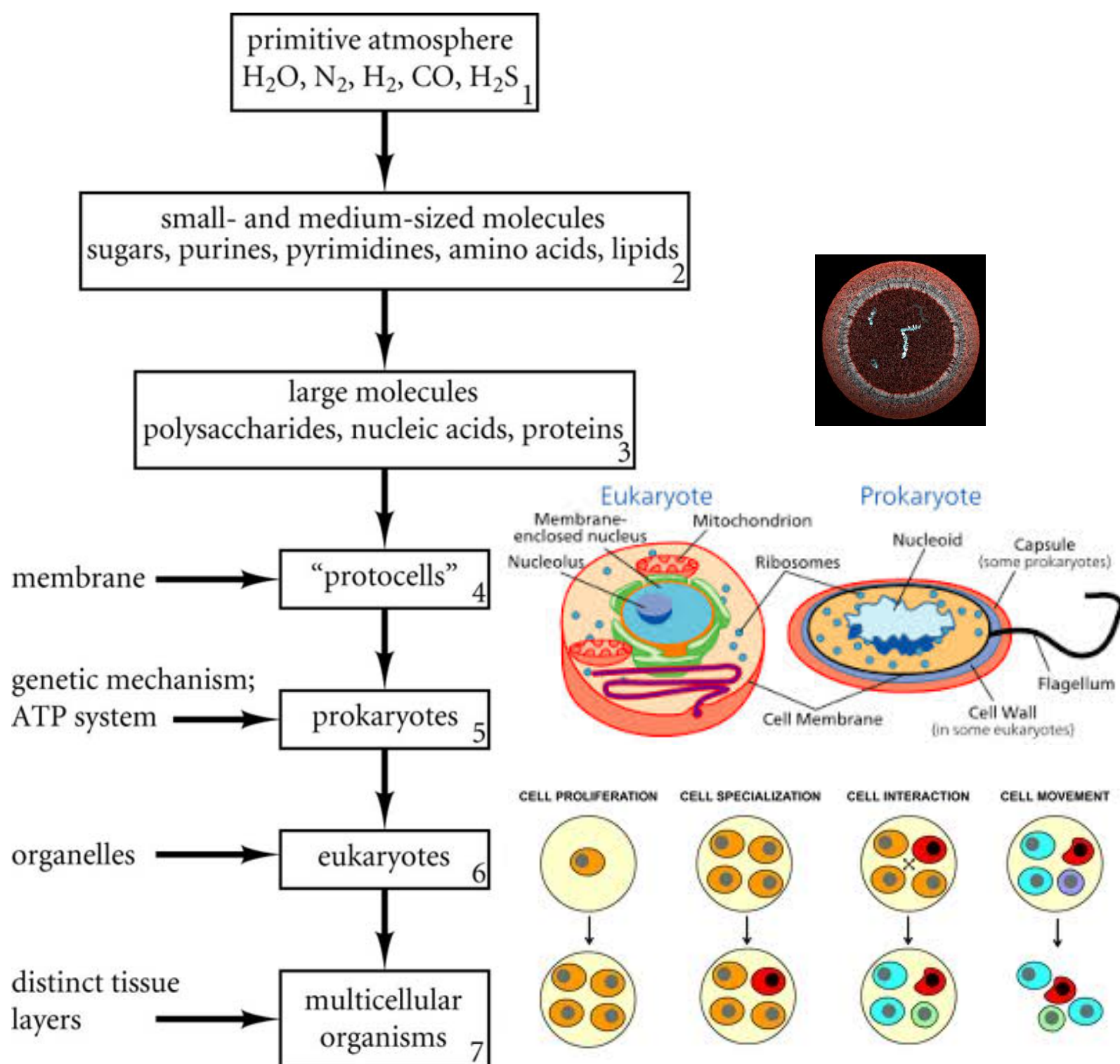
We are infinitesimally small in the infinitely massive cosmos. Our concept of time is in days, weeks, months, and decades—any period longer than eight decades is history to most of us. This is how eighty years looks like: 80 years. Now, imagine 3.55 billion years, or 4.55 billion years, or 13.7 billion years:

- 80 years (average lifespan of many humans)
- 3, 550, 000, 000 years (estimated age of first organic, multicellular organism)
- 4, 550, 000, 000 years (age of Earth)
- 13, 780, 000, 000 years (age of Universe)

We have no personal point of reference or any way to comprehend the staggering expanse of “billions” of years. We only say the billions as a number with a decimal. But behind those billions of years are the processes of entropy and abiogenesis at work. Then add **energy** from radiation, lightning, volcanic eruption, or other energy sources and we have the blueprint for our genetic material.

With enough time, elements amalgamate into simple-inorganic compounds, simple compounds into complex compounds; when energy is added, inorganic compounds turn into organic compounds, organic compounds into molecules, molecules into cells, cells into microbes; microbes and cells into tissues, tissues into organs, organs into multiple organs; into small species, and eventually into humans. It is estimated that the human body has about 100 trillion cells, which varies depending on the mass of the person.

Just like the Sun is comprised of smaller parts, the human body is also comprised of smaller parts. These smaller parts of the Sun and the human body have their beginnings from the Periodical Table of the Elements. And with the blessing of time, entropy, and energy, those elements evolved to form complex, organic matter.



Darwin's Theory Of Evolution—The Premise



Darwin's Theory of Evolution is the widely held notion that all life is related and has descended from a common ancestor: the birds and the bananas, the fishes and the flowers—all related. Darwin's general theory presumes the development of life from non-life and stresses a purely naturalistic (undirected) “descent with modification”. That is, complex creatures evolve from more simplistic ancestors naturally over time. In a nutshell, as random genetic mutations occur within an organism's genetic code, the beneficial mutations are preserved because they aid survival—a process known as “natural selection.” These beneficial mutations are passed on to the next generation. Over time, beneficial mutations accumulate and the result is an entirely different organism (not just a variation of the original, but an entirely different creature). —www.darwins-theory-of-evolution.com

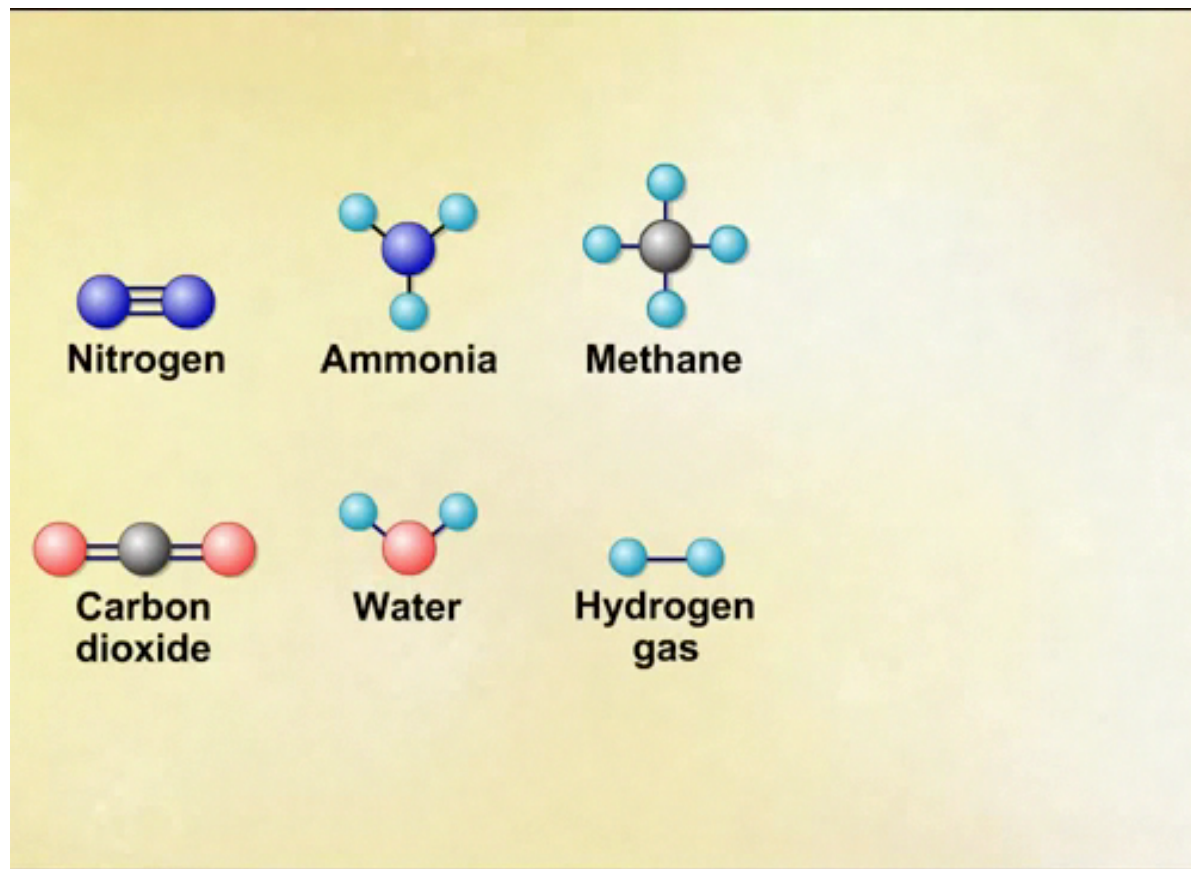
The Missing Link

Creationists point to a perceived flaw in Darwin's theory of evolution: If humans evolved from apes, then why are apes still around? Darwin's theory postulates that humans shared a common ancestor as apes—we did not directly evolve from apes. Therefore, there is no missing link.

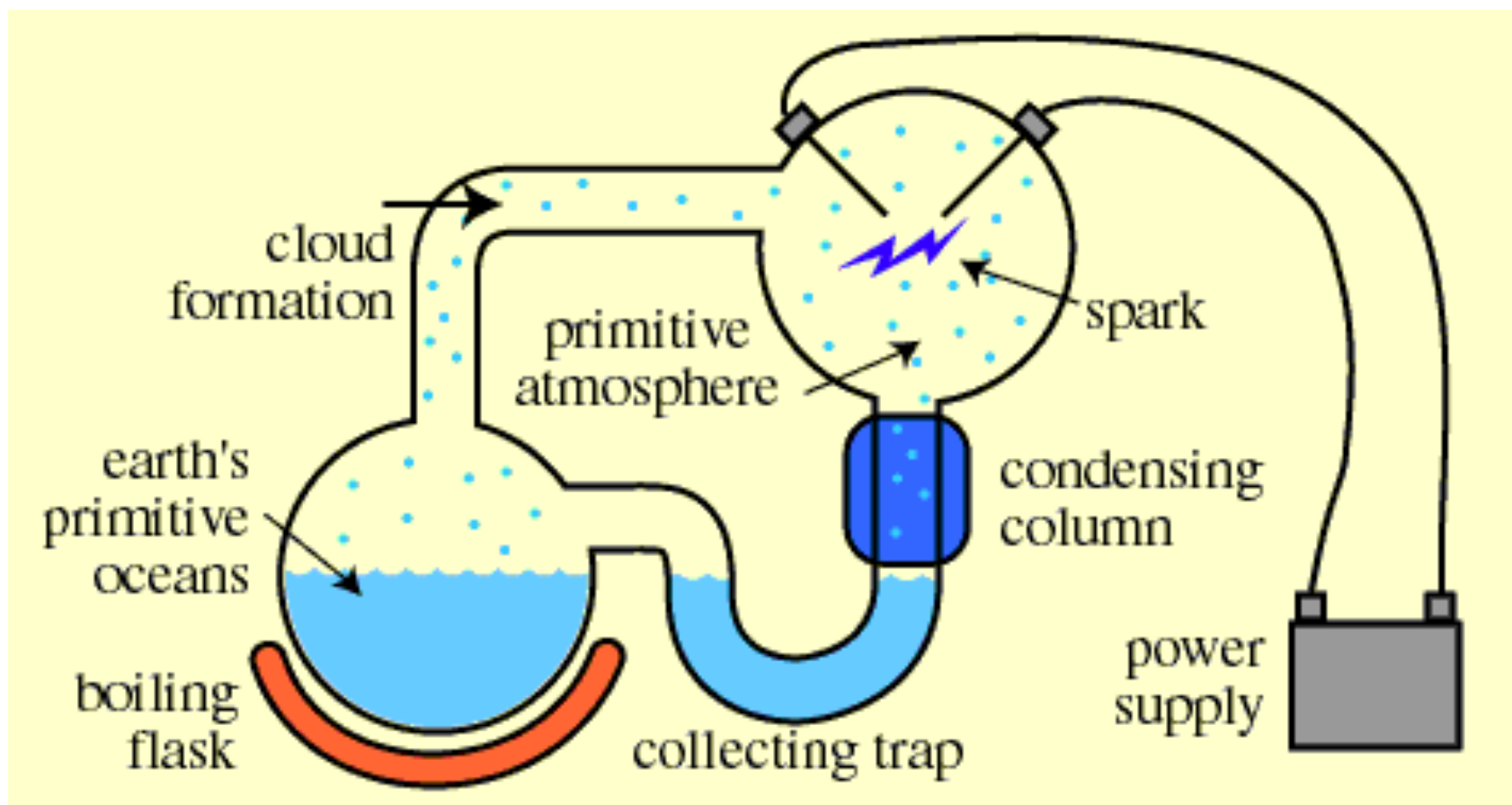
The God Dilemma

We are infinitesimally small in an unimaginably massive cosmos. If there were a god, it would have to be bigger than unimaginably big to have created the Universe and everything in it. If there were a god in this staggering immensity of existence, who is arrogant or delusional enough to think that god would care for her or him? This god, or intelligent designer, would have to be incomprehensibly powerful and its domain so immeasurably vast, that it would not care what we thought of it either way.

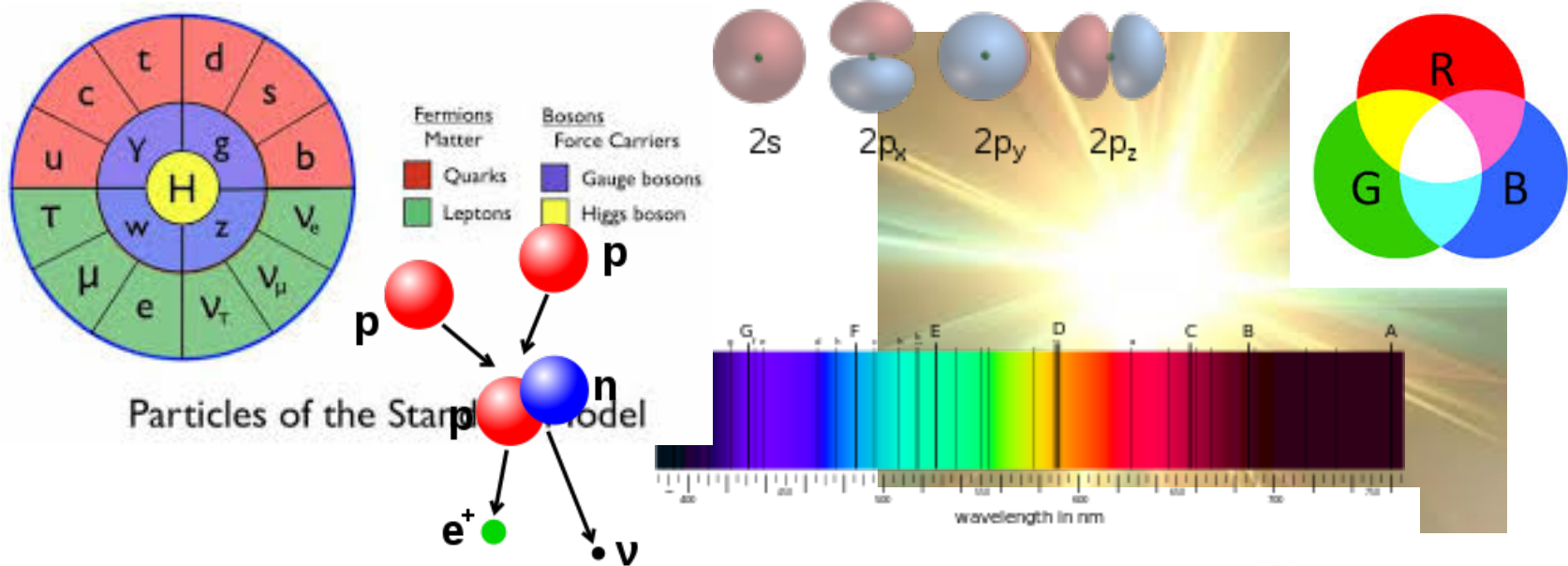
Video: Urey-Miller Experiment, 1953



Turning the inorganic into the organic. Video courtesy of Dr. Prodigious HD Animations.







Periodic Table of the Elements

Atomic number: 26
Chemical symbol: Fe
Element name: Iron
Standard atomic weight: 55.85

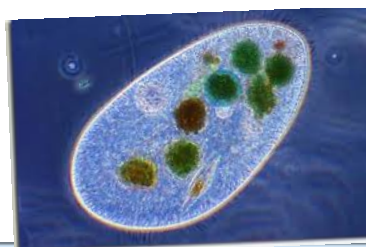
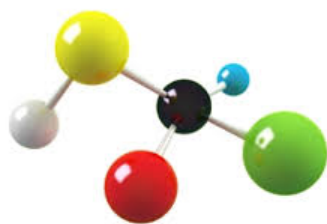
Element Categories: alkali metals, alkaline metals, other metals, transition metals, lanthanoids, actinoids, metalloids, nonmetals, halogens, noble gases, unknown elements.

Electron Configuration Blocks: s, d, p, f.

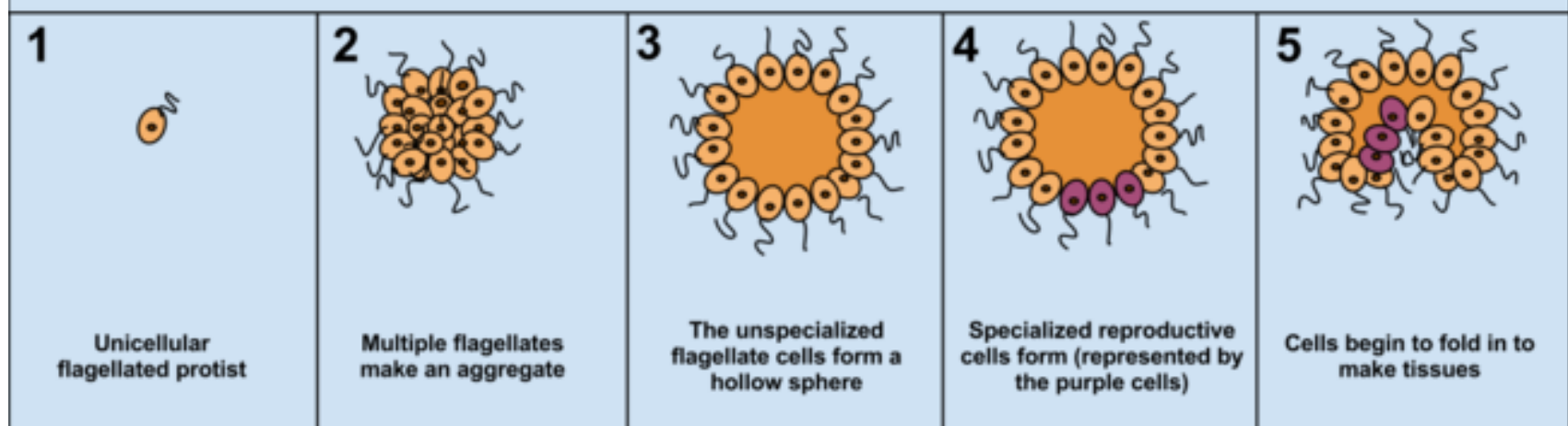
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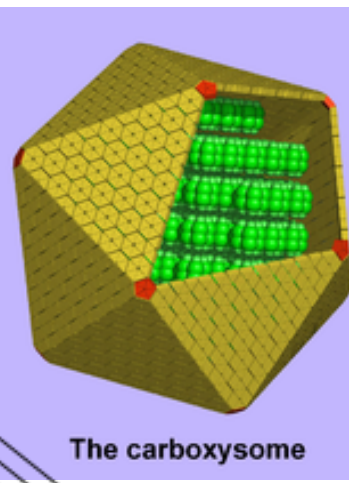
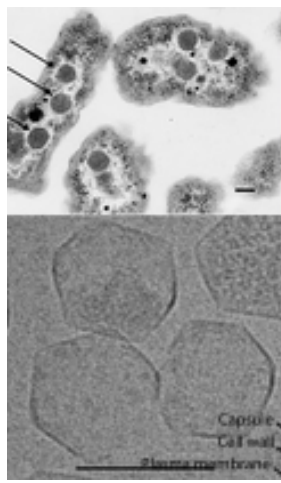
Natural Occurrence: ☐ primordial, ☐ from decay, ☐ synthetic.

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La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
lanthanum	cerium	praseodymium	neodymium	promethium	samarium	euprium	gadolinium	terbium	dysprosium	holmium	erbium	thulium	ytterbium	lutetium
138.9	140.1	140.9	144.2	(145)	150.4	152.0	157.3	158.9	162.5	164.9	167.3	168.9	173.1	175.0
89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
actinium	thorium	protactinium	uranium	neptunium	plutonium	americium	curium	berkelium	californium	einsteinium	fermium	mendeleevium	nobelium	lawrencium
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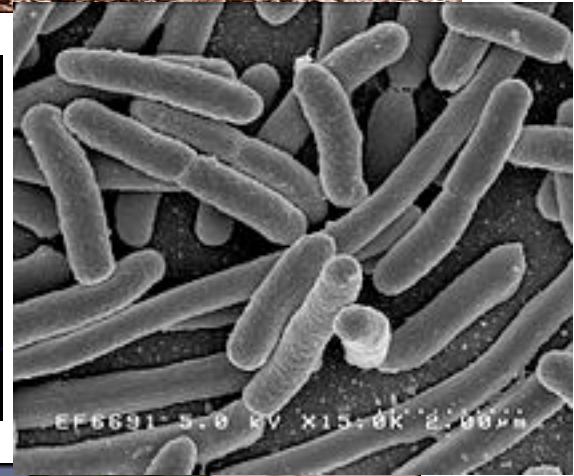
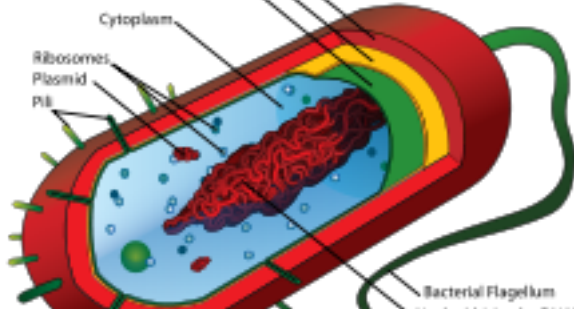
Colonial Flagellate Hypothesis



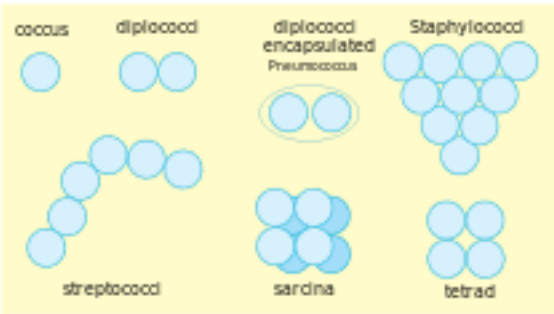


Enzymes and shell proteins

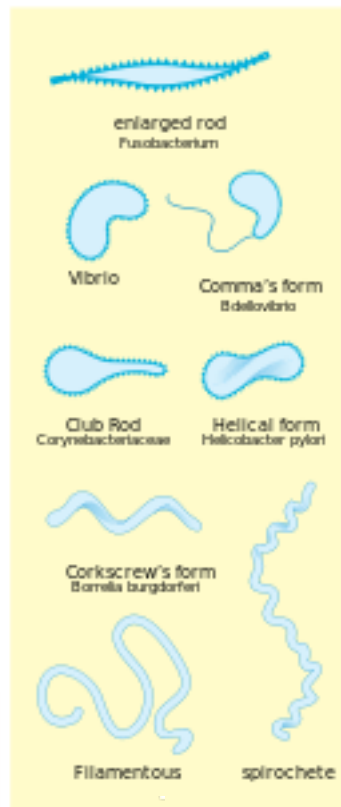
RuBisCO



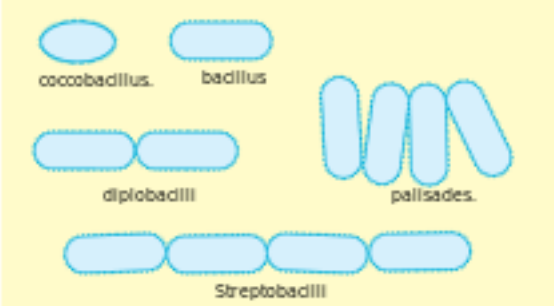
Cocci



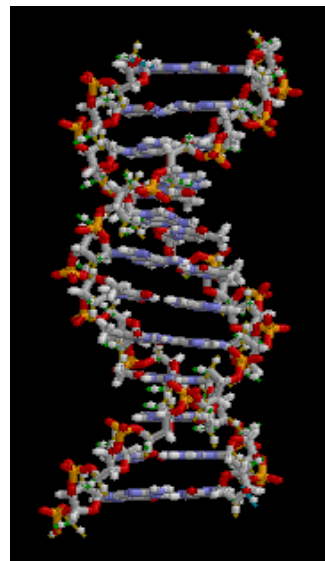
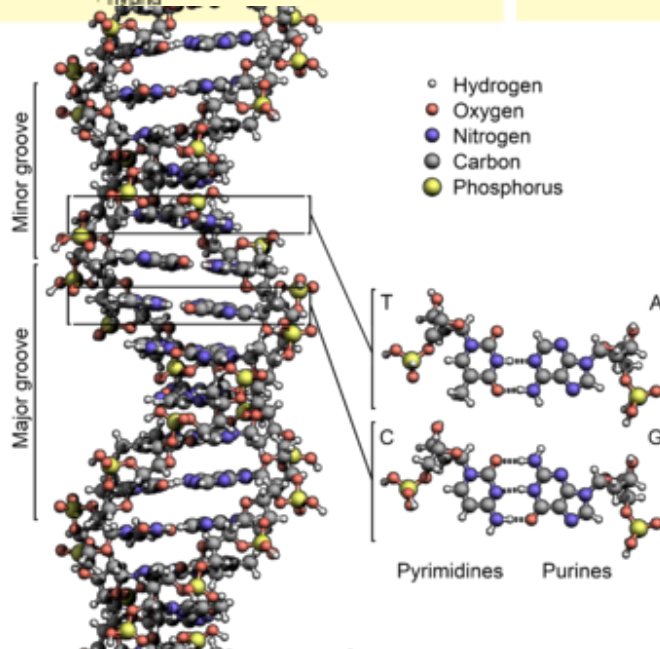
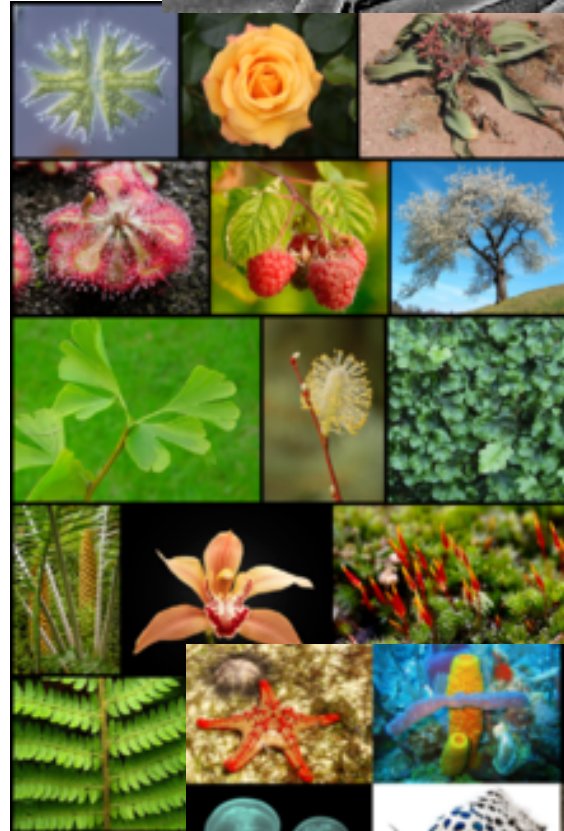
Others



Bacilli



Budding and appendaged bacteria





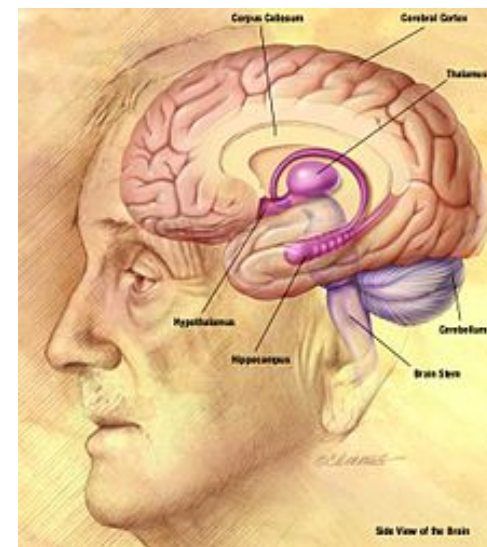
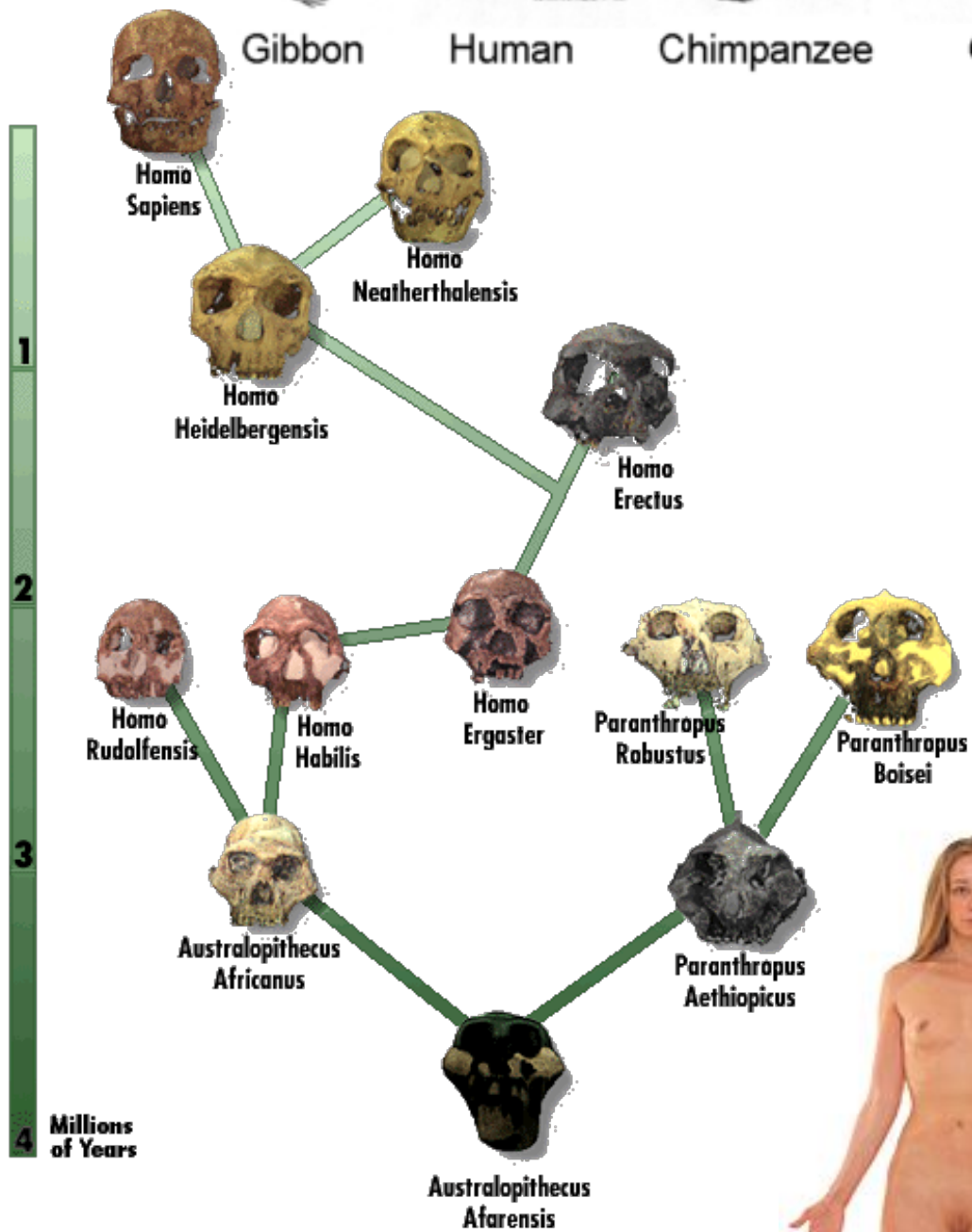
Gibbon

Human

Chimpanzee

Gorilla

Orangutan



THE PALE BLUE DOT

Our planet is a lonely speck in the great
enveloping cosmic dark...

Consider again that dot.

That's here.

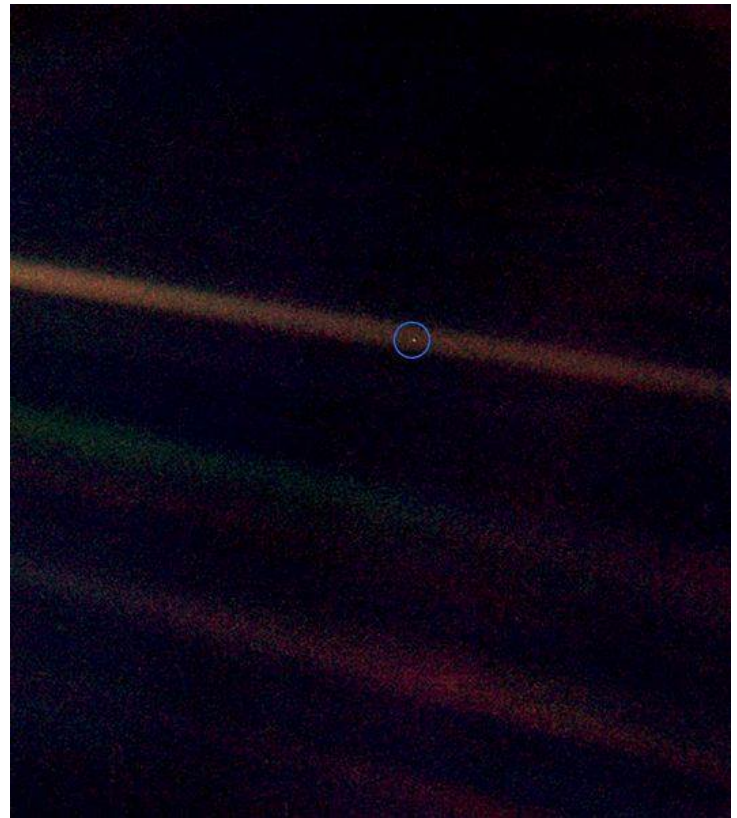
That's home.

That's us.

On it everyone you love,
everyone you know,
everyone you ever heard of,
every human being who ever was,
lived out their lives.

The aggregate of our joy and suffering,
thousands of confident religions, ideologies, and economic doctrines,
every hunter and forager,
every hero and coward,
every creator and destroyer of civilization,
every king and peasant,
every young couple in love,
every mother and father, hopeful child, inventor and explorer,
every teacher of morals,
every corrupt politician,
every "superstar,"
every "supreme leader,"
every saint and sinner in the history of our species lived there—

on a mote of dust suspended in a sunbeam.



Think of the rivers of blood spilled by all those generals and emperors so that in glory and triumph they could become the momentary masters of a fraction of a dot.

Think of the endless cruelties visited by the inhabitants of one corner of this pixel on the scarcely distinguishable inhabitants of some other corner.

How frequent their misunderstandings, how eager they are to kill one another, how fervent their hatreds.

Our posturings, our imagined self-importance, the delusion that we have some privileged position in the universe, are challenged by this point of pale light.

Our planet is a lonely speck in the great enveloping cosmic dark.

In our obscurity—in all this vastness—there is no hint that help will come from elsewhere to save us from ourselves.

The Earth is the only world known, so far, to harbor life. There is nowhere else, at least in the near future, to which our species could migrate. Visit, yes. Settle, not yet. Like it or not, for the moment,

the Earth is where we make our stand.



Carl Sagan

HUMANITY

NATURALOPY

CELEBRATING HUMANITY

Nature favours diversity to ensure the propagation of her creations; Humanity would be wise to also favour diversity when adopting knowledge. Although diverse and in silos, the foundation for our moral guidelines and belief system have been formulated by Humans before us and those still with us. There is no need to attribute to the gods what Humanity has accomplished. The Sumerians, Babylonians, Persians, Greeks, Egyptians, Romans, Mayans, and other great civilizations of the past once believed in gods. However, their faith did not save their civilizations.

If we are to co-exist, live peacefully, and advance together as a species, we need to abandon our gods, because fables and science are incompatible.

Since time immemorial, our ancestors have conjured ingenious myths and fables to explain the six primary metaphysical questions of existence (the BIG questions):

- Where did we come from?
- What is our purpose in life?
- Why do bad things happen to us?
- Is there a god?
- Are we alone in the Universe?
- What happens to us after we die?

Independently, for millennia, in different continents of the world, small groups of men congregated and concluded that humans could not adequately answer these existential

questions. Therefore, due to our ancestors's limited knowledge of the physical world at the time, they used their brilliant imagination. The answers to these pressing questions were deferred to a higher power, an omnipotent figure or a group of them—god or gods. Within each region of the world, ideas were borrowed and passed down from one religion to another, and as a result of empire building, several religions crossed continents and became pervasive in daily life.

As we are still witnessing, due to perpetual conflict, religion is extremely intrusive and problematic on a global scale. The Jews are still fighting Muslims in Israel-Palestine; Jews and Christians are often at loggerheads; Muslim sects are fighting each other throughout the Middle East; Christians are occupying Muslim countries; and Muslims are persecuting Christians in certain parts of the Middle East. It's a quagmire of hate, and this pattern of hate continues despite the fact that Christianity, Judaism, and Islam are all Abrahamic religions—they share the same root. Each one espouses peace as a central tenet of its religion, but we know it is very different in practice.

The inconsistencies, contradictions, and absurdities of every major religion are so glaring and abundant that it would take an encyclopedia to distill, and even chaff.

Three Religions, One Root, Dozens of Denominations, Countless Interpretations...In Perpetual conflict

First, take the Christians. The Christians believe in the Old Testament and the New Testament bibles, but do not believe in the Torah (Jewish holy book) or Quran (Muslim holy book). Christians believe that Jesus Christ is the Son of God sent by god himself to deliver men from their sins. In the Holy Trinity (conceptualized by Theophilus of Antioch, 412 AD.), Christians believe Jesus Christ is the Son of God, the Holy Spirit, and God himself—a 3 for 1 special. The Christian Holy Bible has been translated and re-interpreted several dozen times; therefore, no one knows how different it really is from the original text, if one did exist.

The Christians have been been waiting for over 2,000 years for the second coming of their prophet, Jesus Christ.

500 AD: The Kingdom of Heaven is upon us.

1000 AD: The Kingdom of Heaven is upon us.

1500 AD: The Kingdom of Heaven is upon us.

2000 AD: The Kingdom of Heaven is upon us.

The Kingdom of Heaven is never upon us, for one strange reason or another.

Second, take the Jews. The Jews believe in the Old Testament and the Torah, but not the New Testament nor the Quran nor Jesus Christ. The Jews believe Jesus Christ and Muhammad were false prophets. The Jews also believe that they are the Chosen People of god and have been waiting over 5,000 years for their Messiah to appear on Earth. For reasons not generally agreed upon, the Jews have been the most persecuted people in all of Humanity.

Third, take the Muslims. The Muslims believe in every Abrahamic holy book: Old Testament, New Testament (Holy Bible), Torah, and especially Islam's Quran. They also believe in all the Abrahamic prophets and messengers, such as Noah, Moses, Daniel, Elijah, Jesus Christ, and particularly Muhammad. Muslims believe that Muhammed was a prophet and a Messenger of God. Essentially, the Islamic religion is based on the account of one man who claimed he had received the words and will of god through the angel Gabriel. This is religious nuttury at its finest.

The religious madness continues when all the sects (movements, denominations) of each major religion are taken into consideration. The confusion and obfuscation are endless since each group has subgroups (branches) with their own interpretation of the "holy" scriptures. As examples:

Christianity: Catholic, Orthodox, Lutheran, Anglican, Mormon, Jehovah's Witness, Protestant, and so on.

Judaism: Orthodox, Conservative, Reform, Reconstructional, Hasidism, Kabbalah, and so on.

Islam: Ahmadiyya, Ibadi, Shia, Sufism, Sunni, Wahhabi, Nation of Islam, and so on.

If the word of god is final, then why is it so different? And why are there so many of them? And why do they utterly contradict each other? If we just skim the surface of religion, it would be reasonable to conclude that religion was created like TV channels:

at some point a group felt their interests were not being represented and decided to create a new channel (branch, denomination, sect, group). In this new channel, they concocted whatever they needed in order to attract and appease followers. As long as the sheep watched one channel, everything made sense, and considered divine and brilliant. However, as soon as the followers switched channels (self-education), nothing made sense anymore. There were inconsistencies, absurdities, and bull manure—piles and piles of it. Is it any wonder that the phrase “holy shit” is a cultural lexicon? However, we should applaud our ancestors for having wove brilliantly imaginative stories to explain the nature of existence.

Despite advances in communication, technology, education, and science, the moral guidelines and belief systems of most humans are still grounded in myths and fables. Like children reading fairy tale stories, these religious adherents believe *their* magical wizard exists. They cling to the absurd notion that their magical wizard has chosen them as its favourite children, to the exclusion of others—religion divides, Humanity unites. For these reasons, much of the strife and suffering in the world can be attributed to the divisive nature of religion.

Atavistic: characterized by reversion to something ancient or ancestral;
of a throwback or exhibiting primitivism.

Those who seek comfort in religion have an atavistic worldview—they hold onto the past because the present and future may be unpleasant for them, or they refuse to face the present and future. They refuse to let go and become objective in their worldview.

Religion: When we don't understand how the world works, make it up.

A sore point among the scientific community is that Abrahamic religions still teach their followers that the Universe and Earth were created 6,000 - 10,000 years ago by god, despite overwhelming scientific evidence against the assertion. Science has shown, using radiometric dating, geological stratigraphy, and helioseismic dating, that the Earth is roughly 4.55 billion years old. However, the generally accepted number among Christians is 6,000, and that figure was derived from counting successive generations since Adam and Eve in the Old Testament.

Miseducation is more dangerous than uneducation.

The Six Existential Questions of Life

There is ample, if not conclusive, evidence to support the theory of abiogenesis. In 1953, scientists Stanley Miller and Howard Urey demonstrated the process in which inorganic molecules mutated to complex organic molecules (amino acids, carbohydrates, nucleic acids) roughly 3.5 billion years ago, paving the way for biological life on Earth.

In 1956, using uranium-lead dating and lead-lead dating methods, geochemist Clair Patterson calculated that the Earth was roughly 4.55 billion years old. Even today, Dr. Patterson's estimate is considered accurate within 20-70 million years.

Recently, scientists have re-enacted the creation of our Universe, the Big Bang, in laboratories, particle accelerators, and computer simulations. The data from scientists working independently around the world places our Universe at roughly 13.7 billion years old. We also know from Nagasaki and Hiroshima that when an atom, invisible to the eyes, is split, it releases enough energy to start a chain reaction powerful enough to destroy a city. From these World War II events and our knowledge that mass and energy are interchangeable, we know that something infinitesimally small has the potential to become massively big under the right conditions—this is the awesome power of Nature.

The truth and answers to life are found in science and education, not in religion. Religion hampers our perspective and understanding of the world. Religion is miseducation. A devout religious person loses precious time; first by miseducation, then by re-education.

Let us ponder the primary existential questions of life, without involving religion.

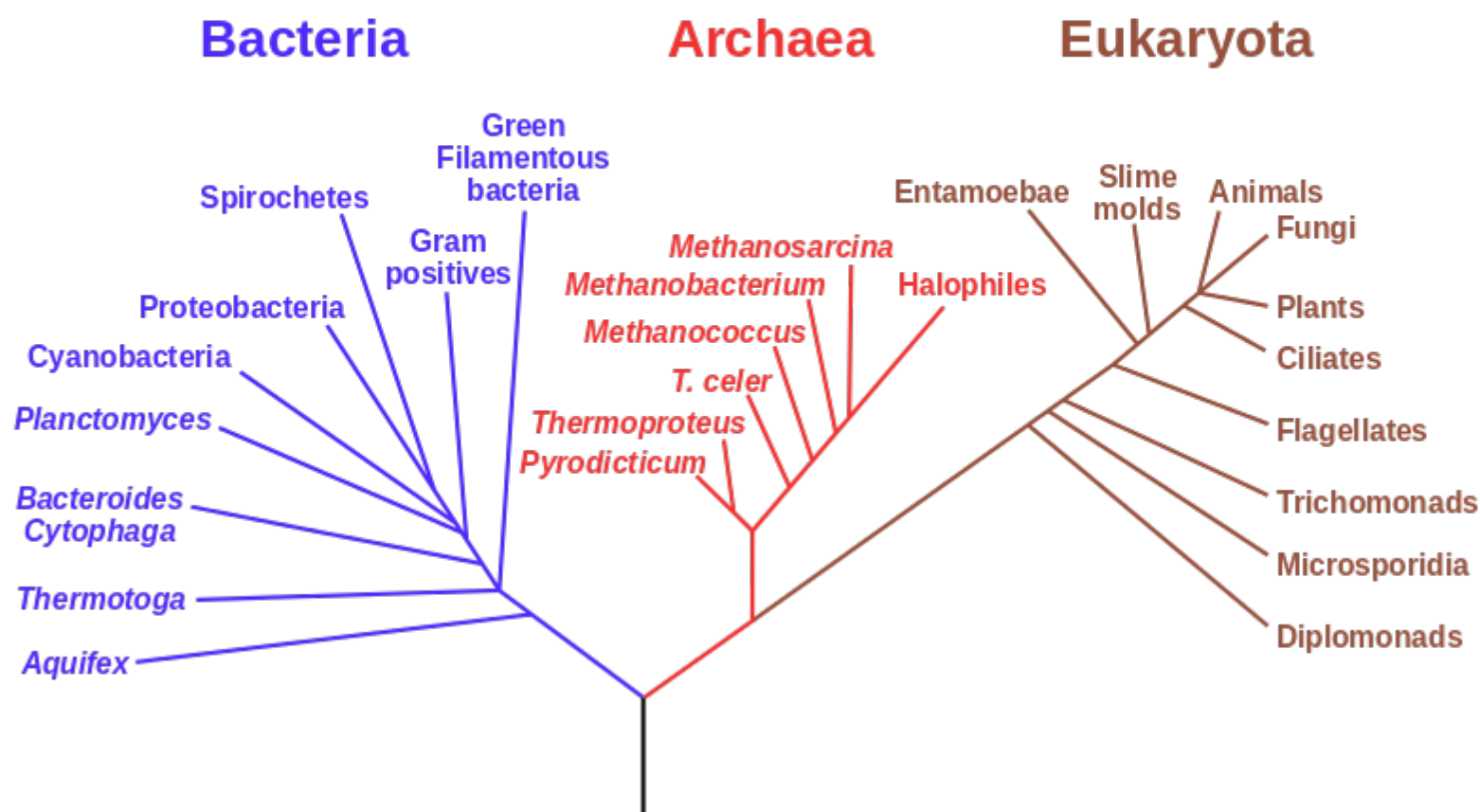
- Where did we come from?
- What is our purpose in life?
- Why do bad things happen to us?
- Is there a god?
- Are we alone in the Universe?
- What happens to us after we die?

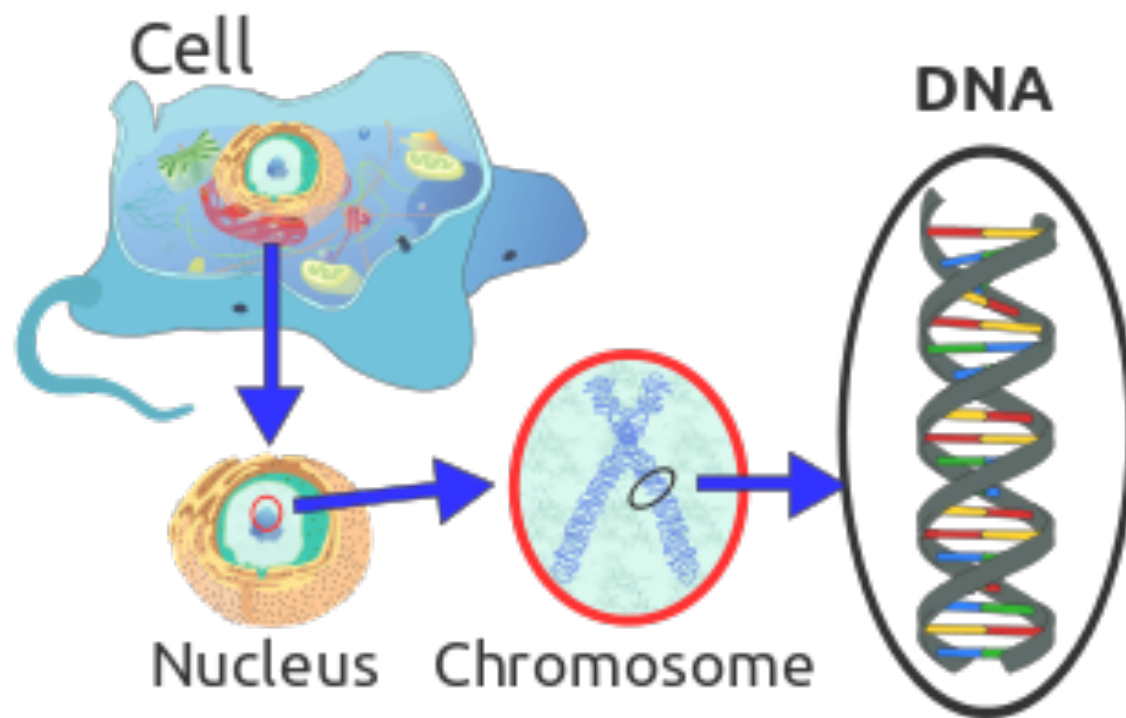
1. Where Did We Come From?

We are all powerful and extraordinary, for we were birthed by the stars. Nature created us through roughly 4.55 billion years of experimentation: from atoms; to chemical elements; to inorganic molecules; to complex-organic molecules; to single-celled organisms; to multicellular organisms of microbes and bacteria; to invertebrates, amphibians, fishes, reptiles, birds, and mammals; then the grand prize of evolution: Homo Sapiens, a thinking and reasoning animal atop the food chain, capable of the greatest vices and virtues.

We are constructed of the same elements as those in the stars: hydrogen, helium, oxygen, carbon, nitrogen, silicon, magnesium, neon, iron, and sulfur. The differences between the elements in our body and those in the Sun are the quantity, ratio, arrangement, and complexity—the fusion of the Sun’s lighter elements created heavier elements, then complex molecules in our body. This fact can be verified with electron microscopes, chemical analysis of our cells, spectral analysis, and carbon dating. We share a common ancestor with every living thing on this planet—the spiritualists knew this without requiring scientific evidence when they stated that “everything is connected to everything else.”

Phylogenetic Tree of Life





The average human body is comprised of roughly 100 trillion cells, each evolved over 3.5 billion years to perform a special function in a specific organ. Contrary to popular belief, humans did not evolve from apes—we share a common ancestor with them, just like we share a common ancestry with a butterfly, tree, lion, flower, and every organism on this Earth. Therefore, there is no “missing link” in Charles Darwin’s theory of evolution.

Whether biological life began on Earth in the ashes of underwater volcanoes or bacteria from asteroids (meteors) or on the surface of oceans, it began very small as microbes, then amalgamated and evolved from there to bigger organisms.



2. What Is Our Purpose In Life?

At the universal level, there is a shared baseline for the purpose of life: eat well, sleep well, mingle well, work well, and enjoy life. Every single study on happiness has shown that our connection to our community is one of the most— many times the most—important factor in how happy we are. Our contribution to our community and connection to Nature form the foundation of happiness and purpose.

At the individual level, the purpose of life is different from person to person. That is, the meaning of life varies depending on the person. It has been said that when we find our passion, we find our purpose. However, history has shown that the most purposeful and remembered lives are those who served Humanity—those who lit the path with glowing lights to show others the way. Their spirits are in this book.

The people who have found their purpose in life share some traits: they went through periods of trial and error before finally deciding what they were good at; they had failed before they succeeded; they enjoy what they do; they feel no need to defend what they do; they view what they do as a passion, not as work or a career; they feel what they do makes a difference in the lives of others; and they give back to their community.

If each and every day of our life, we do something productive that fills our waking hours, that is purpose enough. It will leave the world a better place than we found it.

As Ralph Waldo Emerson wrote, “The purpose of life is not to find yourself, but to *create* yourself.”

The meaning and purpose of life are covered more in depth in Precept 7: Purpose.

3. Why Do Bad Things Happen To Us?

Bad things happen to us for the same reason good things happen to us: the choices we make. The choices we make in life are cumulative and eventually end in consequence. When we made bad decisions, we were either ignorant of the repercussion or had a subconscious desire for the outcome. Summarily, good or bad things happen according to karma—the law of cause and effect. What goes around, comes around.

Karma is the consequence of the choices we make for events that are *within our control*. Of course there are exceptions to this karmic balance; two notable exceptions are accidents, natural disasters, and children. When children, vulnerable and impressionable, are inflicted with suffering or evil, it is because they are dependent on their parents or caretakers, thus the child's karma is inherited. Or in reverse, parents are punished through the suffering of their children. Just like children who benefit from their parents's skillful deeds, so do children suffer from their parents's unskillful deeds. Our deeds affect us and those we care about. Only when children become emotionally independent and self-sufficient are they responsible for their own karma.

There are things beyond our power and things within our power. Bad things that happen beyond our power are the result of global and natural events. Bad things that happen *within* our power are the result of karma.

We reap what we sow.

4. Is There A God?

No.

At least not the ones that have been fabricated by humans. Gods have come and gone throughout history, just like the fideist civilizations that worshipped them.

Fideism: The doctrine that religion is the basis of all knowledge; that faith is independent of reason.

Religion has nothing to do with morality and science. We can have morality without religion; we can attain spirituality without priests, rabbis, or imams. We can explain and even predict natural phenomena without the aid of an intelligent designer. We understand how the world works without religious textbooks. We have discovered our origin without faith. We can accurately describe how the cosmos works without a god in it.

If a person does not know right from wrong, then they lack morality. They do not lack religion.

If a person does not understand how the world works, then they lack self-education. They do not lack religion. They have not been enlightened.

If we study history, we know that the Sumerians, Egyptians, Greeks, Romans, East Indians, Mayans, and every small and large civilization in-between believed in gods at one time or another. They did this for hundreds and even thousands of years. However, gods were created by our ancestors in an attempt to answer existential questions and explain natural phenomena.

- What caused lightening and thunder? God was angry.
- Was a comet a good omen or bad omen? Ask the fortune teller.
- What did a earthquake foretell? The end of the world.
- Why did it rain? Some god in the sky was sad and crying.
- Why did the seasons change? The harvest goddess's daughter was kidnapped and the daughter had to spend six months in hell, this made the goddess sad and

gloomy, therefore winter; when her daughter was returned for six months, the goddess was in a sunny disposition, therefore summer.

- What did the planets, stars, and other celestial bodies represent? Gods and goddesses.

Religion begins where knowledge ends.

Now, let's scrutinize religion from a modern perspective.

- Did Moses really talk to a burning bush on a mountaintop that was supposedly god?
- Did Noah really save civilization and all the animals on his big boat (arc)?
- Was Jesus really the child of a virgin mother; and he walked on water, and arose from the dead?
- Did Muhammad really receive the will of god through an angel?

Unfortunately, there are billions of people who still believe religious nonsense. They have fought, still do fight, and will fight each other to the death for their outdated religious beliefs. Witness the Christian Crusade, the Muslim Jihad, and the Jewish Protocols of the Elders of Zion (if it's to be believed as authentic). Three religions with supposedly one god, and in practice they can't even agree on the basic principles of that one god, hence the perpetual conflicts. The god question is, "Whose god?"

We are the most advanced civilization that Earth has ever harbored. Despite this fact, there are hundreds of millions of people who lack the fundamental principles of basic science. In a 2014 survey by the U.S. National Science Foundation, 26% of Americans thought the Sun revolved around the Earth; similarly, 34% of Europeans thought the same thing. In addition, 52% of Americans were unaware that humans evolved from earlier species of animals. The fact that the Earth revolves around the Sun was settled by Nicolaus Copernicus in the 16th century, but was suppressed by the Catholic Church. Similarly, the theory of evolution by Charles Darwin is being perverted and suppressed to this very day by devout Christians, Jews, and Muslims. Now, if the U.S. and Europe are considered First World, how much hope of enlightenment is there in Developing and Third World countries that are steeped in religion?

A Brief History of Religion

A religion becomes dominant when it is adopted by the elite and ruler. It's a top-down adoption and expansion pattern, and those who blindly follow are considered "sheep" by the enlightened. This herd mentality, blind faith, follow-the-leader, peer pressure, mob rule, or by any other name is true of the Christian, Jewish, and Muslim faiths.

First, examine Christianity, which was an illegal and persecuted cult for centuries throughout the Roman Empire. However, this cult became fashionable when Roman Emperor Constantine I adopted it as his official religion and instituted it in the First Council of Nicaea in 325 AD. From there, Christianity "borrowed" most ideas for Jesus Christ's divinity from the Pagans and Egyptians: birth from a virgin mother, rise after three days of death, Christmas for Winter Solstice, the son of god, the bringer of light, and so on. The Christian faith is a mashup of other faiths. Not surprisingly, there are now scholars who doubt if Jesus Christ had existed at all. If these scholars are right, then Jesus Christ was a fictional character. If Jesus did exist, he might have been a spiritual teacher or philosopher who was lionized and exaggerated by the Creed of Nicaea and subsequent ecumenical councils of Nicaea.

We know from history that Jesus Christ's godly features were fabricated to make him more appealing to the commoners. In truth, Jesus Christ was a product manufactured by the apostles of Nicaea, the predecessors to the priests of the Roman Catholic Church. As we note from history, Jesus was not considered divine until three hundred years after his supposed birth, when it was convenient for the ruling authority. Since the First Council of Nicaea in 325 AD, and largely thanks to the largesse of Emperor Constantine I, Christianity had spread with the Roman Empire. However, the Roman Empire has long since collapsed, but the Holy Roman Empire is alive and well in the Roman Catholic Church—the Pope has replaced the Emperor. The largest landowner in the world today is the Roman Catholic Church (the Vatican). There is much more to Christianity than religion.

Second, examine Judaism. It is believed that most Jews today are not descendants of the original Semites of the Middle East, but they are converts of European and Turkic heritage (Khazarian Empire theory, 618 - 1048 AD). Nowadays, to label someone a Jew is ambiguous. The Jews could be identified as a race who shared a common ancestry in Judea (Palestine), as the Romans called it. Or the Jews could be identified as a religious group who have adopted Judaism. Since 250 AD, the Jews have been ex-

pelled about 109 times from territories and nations in which they had inhabited—the two most prominent are the Spanish Inquisition (1492) and the World War II Holocaust (1939 - 1944). The Jews have also been victims of numerous edicts and pogroms. Whether they were considered subversive, as scapegoats, or just generally disliked for their belief that they were the Chosen People of God, the Jews as a group have suffered much throughout history. As religious hogwash goes, if god loved the Jews so much that he made them the Chosen People, he would have made more of them, like the 1.1 billion East Indians or the 1.3 billion Chinese. And god certainly would not have created the Israelites to be dependent on the generosity of American taxpayers.

Third, examine Islam, which is the youngest of the three major religions today. Islam came about when Muhammad (Abū al-Qāsim Muḥammad ibn ‘Abd Allāh ibn ‘Abd al-Muṭṭalib ibn Hāshim, 570 - 632 AD) had a series of “divine” revelations. He claimed that the angel Gabriel had revealed to him the words of god. These revelations were recorded in what is now the Muslim holy book, the Quran. When the sheiks and kings of many Arabian tribes adopted Muhammad’s teachings, their followers became Muslim adherents. The word “Muslim” means he who submits to god, or the will of god. In whole, the Muslim faith is based entirely on the account of one man, a businessman no less, who claimed an angel had spoken to him, and that this angel had revealed to him the will of god. If anyone made that claim today they would be locked up in a psychiatric ward and the key thrown away. Destructive Muslim concepts such as infidels, Sharia Laws, fatwa, and jihad are familiar to non-Muslims. The Quran appears to be a book of fiction written by a man similar to the one who founded Scientology, Ron L. Hubbard. Humanity could face another Dark Age if Islam is spread unchecked. Islam is a backward religion, nothing in it agrees with reason, science, and especially basic human rights.

The three major religions have their root in the Middle East. Today, the region of the Earth that is constantly at war is the Middle East—people with the same ancestry killing each other because they belong to different sects or branches of the same religion. That is Karma on display. If left unrestrained, these religious numbskulls will continue to kill each other to establish nations governed by religious laws (read: theocratic societies, outdated, backward, irrational, oppressive, tyrannical).

Religion was, and is still, used to control people, not enlighten them; religion is the dumbing down of Humanity's potential, because religion is arbitrary and subjective. It is science that enlightens and reason that establishes the principles of morality. If we are to seriously enquire about god, we need to ask questions that we have no answers to.

- Who created god?
- Does god exist in the form of mass, energy, or both?
- Why has the voice or image of god never been heard or seen by a group of people? It's always unverifiable stories from a lone nut in the wilderness.

We've mapped the Earth, the solar system, part of the Milky Way galaxy, and have begun creating a 3-dimensional map of the Universe—where does god reside? If the answer is “everywhere”, that is Nature. Nature exists everywhere.

Religious fanatics like to challenge the agnostic or atheist with, “If you don't believe in god, then what do you believe in?”

A good place to start would be to believe in universal knowledge, collective wisdom, and spirituality. Humanity. Nature. Science.

If you need to believe in someone, believe in yourself.

5. Are We Alone In The Universe?

Most unlikely. There are an estimated 100-400 billion stars in a galaxy and 100 billion galaxies in the Universe, and these estimates keep increasing as new discoveries are made. Mathematically, according to the theory of chaos and the Frank Drake equation, there are millions of lifeforms in the Universe and probably thousands with our intellectual capacity, and some even exceeding our intellectual capacity. The primordial soup of elements that kickstarted life on Earth is a mathematical reality in millions of other solar systems in the cosmos.

Abiogenesis: The original evolution of life or living organisms from inorganic or inanimate substances.

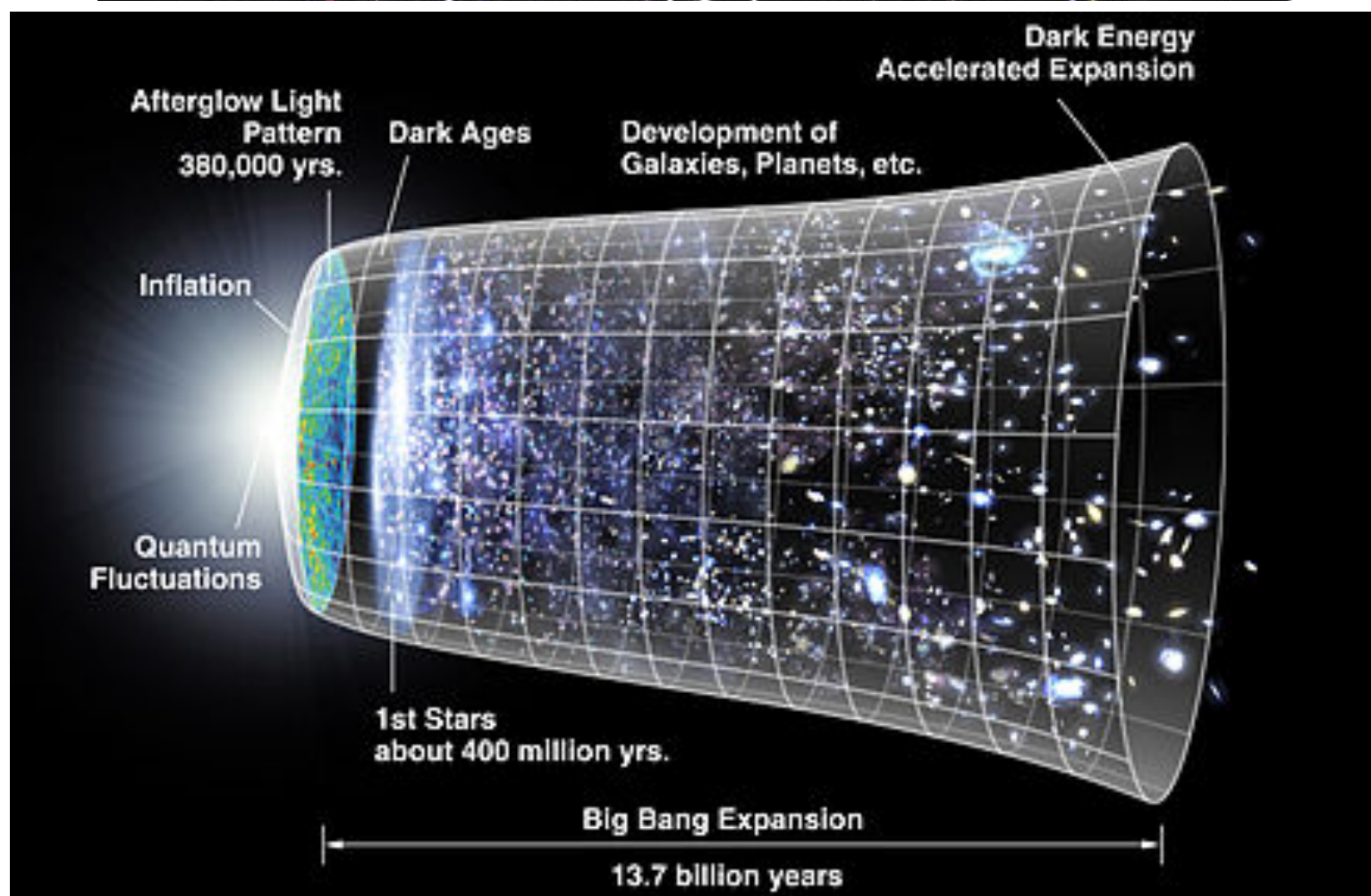
The process of abiogenesis that occurred on Earth, based on mathematical probabilities alone, is repeatable on other planets: atoms forged into light elements, light elements fused into heavier elements in the Sun, then a primordial soup of elements that meshed into inorganic molecules, then electrified and energized to form organic molecules, then prokaryote cells (cells with no nucleus), then eukaryote cells (cells with a nucleus capable of passing on genetic information), to multicellular organisms, to microbes and bacteria, then various species of amphibians, birds, arthropods, reptiles, and mammals. We are the product of Nature's experiment and patience, and Her laws permeate the cosmos. As Michael Faraday put it, "Nothing is too wonderful to be true, if it be consistent with the laws of nature."

Furthermore, according to String Theory, our Universe may only be one of many universes in a multiverse.

Our Universe is roughly 13.7 billion years old. The Earth is approximately 4.55 billion years old and not 6,000 - 10,000 according to Christian (Bible), Jewish (Torah), and Muslim (Quran) textbooks. Christianity, Judaism, and Islam are Abrahamic religions—they share the same root and believe that life originated in a corner of the Middle East 6,000 - 10,000 years ago through Creationism. Furthermore, peace is supposed to be a central tenet of these religions but they have been locked in perpetual conflict with no end in sight.

Our spiral Milky Way Galaxy (top) and Universe (bottom).

We are infinitesimally small in the cosmos. We do not need religion to divide us even smaller.



6.What Happens To Us After We Die?

There is an afterlife. We know this from observation. However, there is no evidence supporting the notion of heaven and hell as places of reward and damnation in the afterlife. Our afterlife resides in the memories of those we leave behind. Think of all the great people throughout history who are still with us in spirit because they touched our lives—their souls are their Afterlife. Whether our soul becomes famous or infamous, praised or condemned, admired or damned in the afterlife depends on whether we performed good or evil while we lived.

The good that we do will be remembered after we die—the greater the deeds, the longer the afterlife. Our essence lives on through loved ones and service to Humanity.

Throughout this book, we've met the afterlives of many great people who have enlightened us and shown us the path.

The cycle of life as designed by Nature is: birth and death, birth and death, ad infinitum...When something dies, its energy gives birth to another entity in the cosmos.

Life With Nature In The Cosmos

In summary, the 6 Big Questions of life are:

- Where did we come from?
- What is our purpose in life?
- Why do bad things happen to us?
- Is there a god?
- Are we alone in the Universe?
- What happens to us after we die?

If the first question can be answered with empirical evidence and by the process of elimination, then the answer to, “Is there a god?”, should be self-evident.

The God Dilemma

We are infinitesimally small in an unimaginably massive cosmos. If there were a god, it would have to be bigger than unimaginably big to have created the Universe and everything in it. If there were a god in this staggering immensity of existence, who is arrogant or delusional enough to think that god would care for her or him? This god, or intelligent designer, would have to be incomprehensibly powerful and its domain so immeasurably vast, that it would not care what we thought of it either way.

DEDICATION

This book is dedicated to all the brave women and men throughout history who fought against oppression, injustice, and tyranny. They stood up against oppression, injustice, and tyranny by the sword and of the mind. It is because of their courageous souls that many of us are able to enjoy the liberties and amenities of modern life. They are forever with us in spirit because they advanced knowledge and protected innate human rights for every person. They did what was beneficial for Humanity and were awarded with an everlasting Afterlife—their voices echo in this book.

We must have the courage and resolve to carry on their work. In doing so, we can only hope that our light will shine a fraction as bright as theirs in our Afterlife.

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